


K60C

Description

K60C is an oven-painted steel panel for installation on exposed parallel structure for 600x1200 mm modular false-ceilings.

K60C is an active panel equipped with n.4 75 mm wide anodized aluminium thermal diffusers factory-glued to the panels. The hydraulic circuit is made by a 12 mm copper pipe coil. Thermal insulation needs may be satisfied using the K820 polyester fibre thermoacoustic panel.

Versions and product code

Product code	Panel finish	Color	Activation	Module [mm]	Dimensions [mm]
K60CX501	micro-holes R2516	white RAL9010	type C75, 4 diffusers	600 x 1200	596 x 1030
K60LCX501	smooth	white RAL9010	type C75, 4 diffusers	600 x 1200	596 x 1030
K60CX701	micro-holes R2516	silver RAL9006	type C75, 4 diffusers	600 x 1200	596 x 1030
K60LCX701	smooth	silver RAL9006	type C75, 4 diffusers	600 x 1200	596 x 1030

Optional

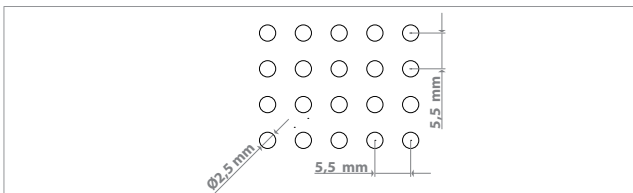
K820: polyester fibre thermoacoustic panels

Technical data

- C75 activation (4 anodized aluminium thermal diffusers)
- Anchoring to exposed parallel structure
- Piping: 12 mm copper
- Panel: 8/10 galvanized steel
- Panel dimensions: 596x1030 mm and 0,8 mm thick
- False-ceiling modules: 600x1200 mm
- Fire reaction class: 0
- Kv = 0,86
- Panel water content: 0,64 l

Standard micro-holes

Available as smooth and with micro-holes; the latter presents 2,5 mm micro-holes on the entire surface, except for a 15 mm wide perimetral area (16 % micro-holes).



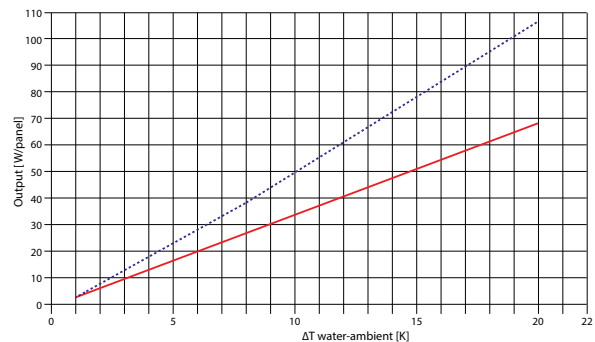
Nominal output

- Heating (according to EN14037): 87,3 W/m² with 10K water-ambient ΔT.
- Cooling (according to EN14240): 96,9 W/m² with 8K water-ambient ΔT.



Note.

Output for single panel compliant with tests in thermostatic chamber according to EN14240 and EN14037.

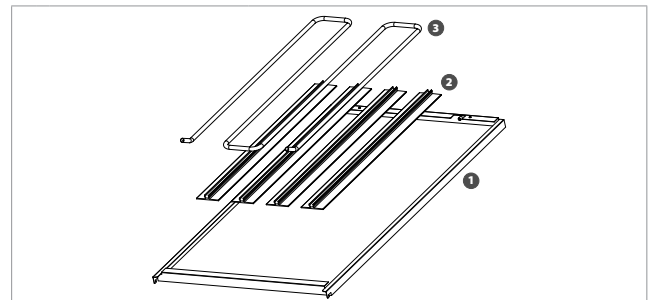

Legend

— Heating

... Cooling

C75 activation

Active panels are equipped with n.4 75x700 mm factory-glued thermal diffusers.


Legenda

1	8/10 galvanized steel panel
2	75x700 mm anodized aluminium thermal diffusers
3	12 mm copper piping

Anchoring to exposed parallel structure

Every panel is equipped with two hooks fitted in their supporting slots around which the panel can pivot. Two safety springs keep the panel in place and enable to open and close it. K60C panels can be detached, pivoted by 90° and placed vertically to open the false-ceiling and access the plenum for inspection or maintenance of other installations, also when the system is running.



Connection

	Type 1 connection	Type 2 connection
Panel-panel connection 	<p>Panel-panel and panel-manifold connections are provided by RC102 or RC122 straight or angle push-fittings and a 12x1,5 mm anti-oxygen plastic pipe, R986-1 series.</p>	<p>Panel-panel connections are provided by the K85RS 750 mm long preassembled kit with anti-oxygen barrier pipe and stainless steel mesh sheath combined to two RS 12 mm push-fittings</p>
Panel-manifold connection 	<p>Panel-manifold connection requires RC109 and RC107 push-fittings connected to the 16x15 mm plastic pipe.</p>	<p>Panel-manifold connection requires a K85RS 400 mm long preassembled kit, including flexible piping with anti-oxygen barrier and stainless steel mesh sheath combined to an RS 12 mm fitting on one side and a 1/2\"F on the other. Installation of the RC107 push-fitting (1/2\"M x 16 mm) enables to connect the Ø 16x1,5 mm plastic pipe.</p>


Warning.

The RS push fittings must be connected only with drawn or annealed copper pipes.


Warning.

RC push-fittings connections are irreversible. The plastic pipe end must be fitted with an RC900 reinforcement bush before inserting the RC push-fitting.

Dimensions

A [mm]	B [mm]	C [mm]	D [mm]
1030	700	596	75

Specifications

K60C

Galvanized and oven-painted 8/10 steel active panel for installation on exposed parallel structure. Activation consisting of four 75x700 mm anodized aluminium thermal diffusers. 12 mm copper pipe coil hydraulic circuit. Smooth or with micro-holes. Pivoting opening with two hooks fitted to the support structure slots. Dimensions: 596x1030 mm.

Additional information

For more information, go to www.giacomini.com or contact our technical assistance service: ☎ +39 0322 923372 📠 +39 0322 923255 ✉ consulenza.prodotti@giacomini.com

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